

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) 3481.1US (MUEI-0399.01/US)		Application Number Not Yet Assigned	
				Applicant Canella et al.			
				Filing Date December 4, 2001		Group Art Unit Unknown	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	Des. 288,273	02/1987	Gould			
	Des. 371,021	06/1996	Pine et al.			
	H906	04/1991	Baggett et al.			
	2,357,600	09/1944	Pabst			
	2,413,767	01/1947	Hyde			
	2,454,548	11/1948	Brinkert			
	2,495,541	01/1950	Nolan, Jr.			
	3,239,218	03/1966	Reeves			
	3,254,776	06/1966	Brown			
	3,327,889	06/1967	Dore			
	3,625,384	09/1968	Boerger et al.			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	1.284.603	01/1961	France				
	843232	06/1970	Canada				
	57-53955	03/1982	Japan				
	61-297047	12/1986	Japan				
	243 798	03/1987	East Germany				

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)
		Pending Patent Application, "INTEGRATED CIRCUIT CHIP HANDLING APPARATUS AND METHOD," (without claims or abstract), Serial No. 09/307,498: <i>no data avail</i>

EXAMINER	DATE CONSIDERED <i>7/5/03</i>
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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,628,672	12/1971	Heinz			
	3,774,352	11/1973	Weber			
	3,799,017	03/1974	Halligan			
	3,837,510	09/1974	McWilliams			
	3,887,997	06/1975	Hartleroad et al.			
	3,903,934	09/1975	Vizy			
	3,917,983	11/1975	Kuronen			
	3,937,386	02/1976	Hartleroad et al.			
	3,969,813	07/1976	Minetti et al.			
	3,973,665	08/1976	Glammanco			
	4,024,545	05/1977	Dowling et al.			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	62-244591	10/1987	Japan				
	63-171714	07/1988	Japan				
	63-202521	08/1988	Japan				
	1-100677	04/1989	Japan				
	2-205281	08/1990	Japan				

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)

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	4,030,622	06/1977	Brooks et al.			
	4,058,217	11/1977	Vaughan et al.			
	4,095,095	06/1978	Muraoka et al.			
	4,097,715	06/1978	Frizzi			
	4,123,044	10/1978	Petzi			
	4,178,531	12/1979	Alig			
	4,203,486	05/1980	Rubbright et al.			
	4,323,755	04/1982	Nierenberg			
	4,346,284	08/1982	Grollimund et al.			
	4,352,617	10/1982	Sakai et al.			
	4,353,796	10/1982	Kubo et al.			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	4-66416	03/1992	Japan				
	5-69164	03/1993	Japan				
	6-226472	08/1994	Japan				
	0 653 791 A1	10/1994	EP				
	06314899 A	11/1994	Japan				

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EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,354,770	10/1982	Block			
	4,370,542	01/1983	Mills et al.			
	4,375,025	02/1983	Carlson			
	4,382,580	05/1983	Hellander			
	4,403,134	09/1983	Klingel			
	4,461,073	07/1984	Harringer et al.			
	4,493,767	01/1985	Monteyne			
	4,510,673	04/1985	Shils et al.			
	4,517,436	05/1985	Lawrence			
	4,534,695	08/1985	Stump et al.			
	4,539,878	09/1985	Linker et al.			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	6-326203	11/1994	Japan				
	0 653 791	05/1995	EPO				

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U.S. PATENT DOCUMENTS


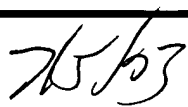
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,543,716	10/1985	Damiano et al.			
	4,552,271	11/1985	Kranz			
	4,577,563	03/1986	Sidler			
	4,610,359	09/1986	Muller			
	4,616,414	10/1986	Cushman			
	4,626,656	12/1986	Ootsuka et al.			
	4,630,513	12/1986	Keller			
	4,638,144	01/1987	Latta, Jr.			
	4,644,126	02/1987	Schumacher			
	4,665,298	05/1987	La Rocca			
	4,677,370	06/1987	Tustaniwskyj et al.			

FOREIGN PATENT DOCUMENTS

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	4,696,096	09/1987	Green et al.			
	4,711,334	12/1987	Barry et al.			
	4,718,531	01/1988	Bianchi et al.			
	4,767,984	08/1988	Bakker			
	4,772,079	09/1988	Douglas et al.			
	4,790,515	12/1988	Pocci			
	4,791,267	12/1988	Yokoyama et al.			
	4,818,835	04/1989	Kuwabara et al.			
	4,832,612	05/1989	Grabbe et al.			
	4,884,420	12/1989	Finkel et al.			
	4,891,242	01/1990	Ito et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,914,269	04/1990	Kinsman et al.			
	4,916,293	04/1990	Cartlidge et al.			
	4,926,677	05/1990	Waldner			
	4,944,492	07/1990	Nonaka			
	4,947,981	08/1990	Dorner et al.			
	4,965,927	10/1990	Holzman			
	5,043,657	08/1991	Amazeen et al.			
	5,090,664	02/1992	McCullough et al.			
	5,102,291	04/1992	Hine			
	5,113,992	05/1992	Sadamori			
	5,117,963	06/1992	Thayer et al.			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

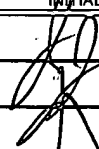
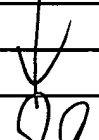
OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER 	DATE CONSIDERED 7/5/02
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U.S. PATENT DOCUMENTS


EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,127,837	07/1992	Shah et al.			
	5,150,797	09/1992	Shibata			
	5,177,368	01/1993	Kay			
	5,204,987	04/1993	Klingel			
	5,218,894	06/1993	College et al.			
	5,219,765	06/1993	Yoshida et al.			
	5,226,361	07/1993	Grant et al.			
	5,245,166	09/1993	Shepard			
	5,245,900	09/1993	Dojnik			
	5,256,578	10/1993	Corley et al.			
	5,260,542	11/1993	Ishiguro et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
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OTHER DOCUMENTS

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,263,567	11/1993	Costa			
	5,279,975	01/1994	Devereaux et al.			
	5,290,134	03/1994	Baba			
	5,302,798	04/1994	Inagawa et al.			
	5,307,010	04/1994	Chiu			
	5,313,156	05/1994	Klug et al.			
	5,315,094	05/1994	Lisy			
	5,322,173	06/1994	Kay			
	5,332,463	07/1994	Eberlein et al.			
	5,357,077	10/1994	Tsuruta			
	5,360,747	11/1994	Larson et al.			

FOREIGN PATENT DOCUMENTS							
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>gg</i>	5,365,653	11/1994	Padrun			
<i>↑</i>	5,375,320	12/1994	Kinsman et al.			
	5,379,514	01/1995	Okuda et al.			
	5,399,828	03/1995	Riddle et al.			
	5,402,563	04/1995	Satoh et al.			
	5,427,349	06/1995	Obrecht			
	5,458,158	10/1995	Kawanabe			
	5,463,227	10/1995	Stern et al.			
	5,465,470	11/1995	Vongfuangfoo et al.			
<i>↓</i>	5,466,908	11/1995	Hosoya et al.			
<i>gg</i>	5,467,023	11/1995	Takeyama			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS

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EXAMINER <i>Jonathan Johns</i>	DATE CONSIDERED <i>7/5/03</i>
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	5,479,694	01/1996	Baldwin			
	5,481,202	01/1996	Frye, Jr.			
	5,487,471	01/1996	Marchek et al.			
	5,498,851	03/1996	Hayashi et al.			
	5,566,414	10/1996	Nonaka			
	5,566,840	10/1996	Waldner et al.			
	5,587,094	12/1996	Yoshida et al.			
	5,588,797	12/1996	Smith			
	5,600,150	02/1997	Stern et al.			
	5,605,641	02/1997	Chiba et al.			
JJ	5,629,484	05/1997	Liska			

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	5,632,083	05/1997	Tada et al.			
	5,632,915	05/1997	Schnetzer et al.			
	5,638,958	06/1997	Sanchez			
	5,643,477	07/1997	Gullo et al.			
	5,653,900	08/1997	Clement et al.			
	5,654,204	08/1997	Anderson			
	5,665,609	09/1997	Mori			
	5,691,544	11/1997	Stern et al.			
	5,717,162	02/1998	Matsuoka			
	5,719,372	02/1998	Togari et al.			
	5,722,639	03/1998	Nonaka			

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	5,793,051	08/1998	Stern et al.			
	5,808,268	09/1998	Balz et al.			
	5,821,497	10/1998	Yamazaki et al.			
	5,829,115	11/1998	Speller, Jr. et al.			
	5,838,431	11/1998	Hara et al.			
	5,870,820	02/1999	Arakawa et al.			
	5,875,544	03/1999	Chou			
	5,909,706	06/1999	Jin et al.			
	5,911,461	06/1999	Sauter et al.			
	5,932,119	08/1999	Kaplan et al.			

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	5,937,270	08/1999	Canella			
	5,942,136	08/1999	Mori et al.			
	5,946,791	09/1999	Baldwin			
	5,966,307	10/1999	Lin			
	5,985,377	11/1999	Corbett			
	5,986,235	11/1999	Canella			
	5,991,245	11/1999	Yoshimura			
	5,999,252	12/1999	Greisz			
	6,008,476	12/1999	Neiconi et al.			
	6,023,042	02/2000	Hensel et al.			
	6,031,202	02/2000	Arakawa et al.			
	6,062,119	05/2000	Overgaard			
	6,070,731	06/2000	Kobayashi et al.			
	6,138,542	10/2000	Overgaard			
	6,229,323	05/2001	Tverdy et al.			
	6,241,459	06/2001	Canella et al.			
	6,244,569	06/2001	Canella et al.			
	6,244,634	06/2001	Robinson			
6,287,068	09/2001	Canella et al.				

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